PTO/SB/81 (04-05)

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| Application Number                    | n/a   |  |  |
| Filling Date                          |   |  |  |
| First Named Inventor                  | VIG, Harry  |  |  |
| Title                                 | Modulator tuning for                                    |  |  |
| Art Unit                              | n/a   |  |  |
| Examiner Name                         | nia   |  |  |
| Attorney Docket Number                | 0224-021151   |  |  |

| I horoby royalis a  |  |                 |             |                      |             | WOT _       |  |
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| Applicant/Inv   | entor.   |                 |             |                      |             |             |  |
| Assignee of record of the entire interest. See 37 CFR 3.71.   |  |                 |             |                      |             |             |  |
| Statement un  | der 37 CFR 3.73(b) is enclosed. (Form  | PTO/SB/96)      |             | A . A                |             |             |  |
| SIGNATURE of Applicant or Assignee of Record  |  |                 |             |                      |             |             |  |
| Signature   |  | 0               |             | Dat                  | e   9°      | 1/50/a      |  |
| Name  | Alexei TRIFONOV  |                 | `           |                      | phone       | 100         |  |
|   | Title and Company Vice-President & Chief Scientist, MagiQ Technologies, Inc. |                 |             |                      |             |             |  |
| NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below. |  |                 |             |                      |             |             |  |
| *Total of forms are submitted.  |  |                 |             |                      |             |             |  |

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STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: VIG, Harry \_\_\_\_\_Filed/Issue Date: \_\_\_\_\_**07/27** Application No./Patent No.: Entitled: Modulator timing for quantum key distribution Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. The assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is\_ in the patent application/patent identified above by virtue of either: A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_\_, or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown

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|---|--|
| The undersigned (whose title is supplied below) is authorized to act on behavior  | alf of the assignee.                       |
| Joseph E. Gortych   | Date<br>941-378-2744                       |
| Printed or Typed Name   | Telephone Number                           |

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Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (iv). If this Box is not used, this sheet should not be included in the request.

| for the purposes of the designation o   |  |  |  |  |  |
|---|--|--|--|--|--|
| hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor s listed below) inventor of the subject matter which is claimed and for which a patent is sought.  |  |  |  |  |  |
| This declaration is directed to the international application of which  | it forms a part (if filing declaration with application).  |  |  |  |  |
| his declaration is directed to international application No. PCT/   |  |  |  |  |  |
| I hereby declare that my residence, mailing address, and citizenship a  | are as stated next to my name.   |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application designated having a filing date before that of the application on which foreign prior Applications: 60/549,356 | in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade at or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America, riority is claimed. |  |  |  |  |
| Prior Applications:   | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  |  |  |  |  |
|   |  |  |  |  |  |
| I hereby acknowledge the duty to disclose information that is 1 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the c   | erial information which became available between the filing date   |  |  |  |  |
| I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any   | with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful  |  |  |  |  |
| Name: VIG, Harry  |  |  |  |  |  |
| Residence: 8 Kohlrausch Avenue, North Billerica, MA 0186 (city and either US state, if applicable, or country)  | 62 USA   |  |  |  |  |
| Mailing Address: . 8 Kohlrausch Avenue, North Billerica, M  | A 01862 USA  |  |  |  |  |
| Citizenship: CANADIAN  Inventor's Signature: How M. (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)  | Date: Feld 22, 2005  (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)   |  |  |  |  |
| Name:   |  |  |  |  |  |
| Residence:  |  |  |  |  |  |
| Mailing Address:  |  |  |  |  |  |
|   |  |  |  |  |  |
| Citizenship:  |  |  |  |  |  |
| Inventor's Signature:   | Date:  |  |  |  |  |
|   |  |  |  |  |  |

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".